RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/655,109A
Source: 1FW16
Date Processed by STIC: 7/22/05

ENTERED

IFW16

RAW SEQUENCE LISTING DATE: 07/22/2005
PATENT APPLICATION: **US/09/655,109A** TIME: 14:47:29

Input Set : **A:\sequence listing.ST25.txt**
Output Set: **N:\CRF4\07222005\I655109A.raw**

```
 3 <110> APPLICANT: H. M. Noteborn , Mathieu
 4       AAM Danen Van Oorschot, Astrid
 6 <120> TITLE OF INVENTION: APOPTIN ASSOCIATING PROTEINS
 8 <130> FILE REFERENCE: 2906-4996US
10 <140> CURRENT APPLICATION NUMBER: 09/655,109A
11 <141> CURRENT FILING DATE: 2000-09-05
13 <150> PRIOR APPLICATION NUMBER: 99203465.2
14 <151> PRIOR FILING DATE: 1999-10-21
16 <160> NUMBER OF SEQ ID NOS: 7
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 17
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial
25 <220> FEATURE:
26 <223> OTHER INFORMATION: pACT-specific 17-mer
28 <400> SEQUENCE: 1
29 taccactaca atggatg                                                  17
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 10
34 <212> TYPE: PRT
35 <213> ORGANISM: Artificial
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Myc-tag
41 <220> FEATURE:
42 <221> NAME/KEY: SITE
43 <222> LOCATION: (1)..(10)
45 <400> SEQUENCE: 2
47 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
48 1               5                   10
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 16
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial
56 <220> FEATURE:
57 <223> OTHER INFORMATION: AAP-1 Peptide
60 <220> FEATURE:
61 <221> NAME/KEY: SITE
62 <222> LOCATION: (1)..(16)
64 <400> SEQUENCE: 3
66 Cys Thr Lys Thr Ser Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys
67 1               5                   10                  15
70 <210> SEQ ID NO: 4
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Input Set : **A:\sequence listing.ST25.txt**
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71 <211> LENGTH: 947
72 <212> TYPE: DNA
73 <213> ORGANISM: homo sapiens
75 <220> FEATURE:
76 <223> OTHER INFORMATION: AAP-1-a nucleic acid
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <222> LOCATION: (5)..(5)
81 <223> OTHER INFORMATION: n can be a, c, g or t
83 <220> FEATURE:
84 <221> NAME/KEY: misc_feature
85 <222> LOCATION: (145)..(145)
86 <223> OTHER INFORMATION: n can be a, c, g or t
88 <400> SEQUENCE: 4

W--> **89 accanaccca aaaaaagaga tctggaattc ggatcctcga ggccacgaag gccgaaacag 60**
91 tgctgaagcc tttaaatgca gcatctgcga tgtgaggaaa ggcacctcca ccagaaaacc 120
93 tcggatcaat tctcagctgg tggcncaaca agtggcacaa cagtatgcca ccccaccacc 180
95 ccctaaaaag gagaagaagg agaaagttga aaagcaggac aaagagaaac ctgagaaaga 240
97 caaggaaatt agtcctagtg ttaccaagaa aaataccaac aagaaaacca aaccaaagtc 300
99 tgacattctg aaagatcctc ctagtgaagc aaacagcata cagtctgcaa atgctacaac 360
101 aaagaccagc gaaacaaatc acacctcaag gccccggctg aaaaacgtgg acaggagcac 420
103 tgcacagcag ttggcagtaa ctgtgggcaa cgtcaccgtc attatcacag actttaagga 480
105 aaagactcgc tcctcatcga catcctcatc cacagtgacc tccagtgcag ggtcagaaca 540
107 gcagaaccag ascagctcgg ggtcagagag cacagacaag ggctcctccc gttcctccac 600
109 gccaaagggc gacatgtcag cagtcaatga tgaatctttc tgaaattgca catggaattg 660
111 tgaaaactat gaatcagggt atgaaattca aaacctccac ctgcccatgc tgcttgcatc 720
113 cctggagaat cttctgtgga catcgacctc ttagtgatgc tgccaggata atttctgctt 780
115 gccatgggca tctggccacc aaggaatttc gcaccctgac gattactctt gacactttta 840
117 tgtattccat tgttttatat gattttccta acaatcattt ataattggat gtgctcctga 900
119 atctactttt tataaaaaaa gccttygtgg cctcgagaga tctatga 947
122 <210> SEQ ID NO: 5
123 <211> LENGTH: 1131
124 <212> TYPE: DNA
125 <213> ORGANISM: Homo sapiens
127 <220> FEATURE:
128 <223> OTHER INFORMATION: AAP-1-b nucleic acid
130 <400> SEQUENCE: 5
131 tataactatc tattcgatga tgaagatacc ccaccaaacc caaaaaaaga gatctggaat 60
133 tcggatcctc gaggccacga aggcctttct cctccgagcg gcgccggttt cggcttgggg 120
135 ggggcggggt acagcccatc catgaccatg ggcgacaaga agagcccgac caggccaaaa 180
137 agacaagcga aacctgccgc agacgaaggg ttttgggatt gtagcgtctg caccttcaga 240
139 aacagtgctg aagcctttaa atgcagcatc tgcgatgtga ggaaaggcac ctccaccaga 300
141 aaacctcgga tcaattctca gctggtggca caacaagtgg cacaacagta tgccacccca 360
143 ccacccccta aaaaggagaa gaaggagaaa gttgaaaagc aggacaaaga gaaacctgag 420
145 aaagacaagg aaattagtcc tagtgttacc aagaaaaata ccaacaagaa aaccaaacca 480
147 aagtctgaca ttctgaaaga tcctcctagt gaagcaaaca gcatacagtc tgcaaatgct 540
149 acaacaaaga ccagcgaaac aaatcacacc tcaaggcccc ggctgaaaaa cgtggacagg 600
151 agcactgcac agcagttggc agtaactgtg ggcaacgtca ccgtcattat cacagacttt 660
153 aaggaaaaga ctcgctcctc atcgacatcc tcatccacag tgacctccag tgcagggtca 720

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```
155 gaacagcaga accagagcag ctcggggtca gagagcacag acaagggctc ctcccgttcc    780
157 tccacgccaa agggcgacat gtcagcagtc aatgatgaat ctttgtgaaa ttgcacatgg    840
159 aattgtgaaa actatgaatc agggtatgaa attcaaaacc tccacctgcc catgctgctt    900
161 gcatccctgg agaatcttct gtggacatcg acctcttagt gatgctgcca ggataatttc    960
163 tgcttgccat gggcatctgg ccaccaagga atttcgcacc ctgacgatta ctcttgacac   1020
165 ttttatgtat tccattgttt tatatgattt tcctaacaat catttataat tggatgtgct   1080
167 cctgaatcta ctttttataa aaaggccttc gtggcctcga gagatctatg a            1131
170 <210> SEQ ID NO: 6
171 <211> LENGTH: 352
172 <212> TYPE: PRT
173 <213> ORGANISM: Homo sapiens
176 <220> FEATURE:
177 <221> NAME/KEY: MISC_FEATURE
178 <222> LOCATION: (251)..(251)
179 <223> OTHER INFORMATION: X is an unknown amino acid
181 <220> FEATURE:
182 <221> NAME/KEY: MISC_FEATURE
183 <222> LOCATION: (288)..(289)
184 <223> OTHER INFORMATION: X is an unknown amino acid
186 <220> FEATURE:
187 <221> NAME/KEY: MISC_FEATURE
188 <222> LOCATION: (314)..(314)
189 <223> OTHER INFORMATION: X is an unknown amino acid
191 <220> FEATURE:
192 <221> NAME/KEY: MISC_FEATURE
193 <222> LOCATION: (324)..(324)
194 <223> OTHER INFORMATION: X is an unknown amino acid
196 <220> FEATURE:
197 <221> NAME/KEY: MISC_FEATURE
198 <222> LOCATION: (327)..(327)
199 <223> OTHER INFORMATION: X is an unknown amino acid
201 <220> FEATURE:
202 <221> NAME/KEY: MISC_FEATURE
203 <222> LOCATION: (352)..(352)
204 <223> OTHER INFORMATION: X is an unknown amino acid
206 <400> SEQUENCE: 6
208 His Glu Gly Leu Ser Pro Pro Ser Gly Ala Gly Phe Gly Leu Gly Gly
209 1               5                  10                  15
212 Ala Gly Tyr Ser Pro Ser Met Thr Met Gly Asp Lys Lys Ser Pro Thr
213             20                  25                  30
216 Arg Pro Lys Arg Gln Ala Lys Pro Ala Ala Asp Glu Gly Phe Trp Asp
217         35                  40                  45
220 Cys Ser Val Cys Thr Phe Arg Asn Ser Ala Glu Ala Phe Lys Cys Ser
221     50                  55                  60
224 Ile Cys Asp Val Arg Lys Gly Thr Ser Thr Arg Lys Pro Arg Ile Asn
225 65                  70                  75                  80
228 Ser Gln Leu Val Ala Gln Gln Val Ala Gln Gln Tyr Ala Thr Pro Pro
229                 85                  90                  95
232 Pro Pro Lys Lys Glu Lys Lys Glu Lys Val Glu Lys Gln Asp Lys Glu
```

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```
233                 100                 105                 110
236 Lys Pro Glu Lys Asp Lys Glu Ile Ser Pro Ser Val Thr Lys Lys Asn
237         115                 120                 125
240 Thr Asn Lys Lys Thr Lys Pro Lys Ser Asp Ile Leu Lys Asp Pro Pro
241     130                 135                 140
244 Ser Glu Ala Asn Ser Ile Gln Ser Ala Asn Ala Thr Thr Lys Thr Ser
245 145                 150                 155                 160
248 Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys Asn Val Asp Arg Ser
249                 165                 170                 175
252 Thr Ala Gln Gln Leu Ala Val Thr Val Gly Asn Val Thr Val Ile Ile
253             180                 185                 190
256 Thr Asp Phe Lys Glu Lys Thr Arg Ser Ser Ser Thr Ser Ser Ser Thr
257         195                 200                 205
260 Val Thr Ser Ser Ala Gly Ser Glu Gln Gln Asn Gln Ser Ser Ser Gly
261     210                 215                 220
264 Ser Glu Ser Thr Asp Lys Gly Ser Ser Arg Ser Ser Thr Pro Lys Gly
265 225                 230                 235                 240
W--> 268 Asp Met Ser Ala Val Asn Asp Glu Ser Phe Xaa Asn Cys Thr Trp Asn
269                 245                 250                 255
272 Cys Glu Asn Tyr Glu Ser Gly Tyr Glu Ile Gln Asn Leu His Leu Pro
273             260                 265                 270
276 Met Leu Leu Ala Ser Leu Glu Asn Leu Leu Trp Thr Ser Thr Ser Xaa
277         275                 280                 285
280 Xaa Cys Cys Gln Asp Asn Phe Cys Leu Pro Trp Ala Ser Gly His Gln
281     290                 295                 300
284 Gly Ile Ser His Pro Asp Asp Tyr Ser Xaa His Phe Tyr Val Phe His
285 305                 310                 315                 320
288 Cys Phe Ile Xaa Phe Ser Xaa Gln Ser Phe Ile Ile Gly Cys Ala Pro
289                 325                 330                 335
292 Glu Ser Thr Phe Tyr Lys Lys Ala Phe Val Ala Ser Arg Asp Leu Xaa
293             340                 345                 350
296 <210> SEQ ID NO: 7
297 <211> LENGTH: 8
298 <212> TYPE: PRT
299 <213> ORGANISM: Simian virus 40
301 <220> FEATURE:
302 <223> OTHER INFORMATION: SV40 large T antigen
304 <400> SEQUENCE: 7
306 Pro Pro Lys Lys Lys Arg Lys Val
307 1               5
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/22/2005
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 5,145
Seq#:6; Xaa Pos. 251,288,289,314,324,327,352

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3

VERIFICATION SUMMARY DATE: 07/22/2005
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Input Set : **A:\sequence listing.ST25.txt**
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L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
M:341 Repeated in SeqNo=6